

Product datasheet for **RN214584**

Dars2 (NM_001034143) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dars2 (NM_001034143) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dars2
Synonyms:	RGD1308286
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214584 representing NM_001034143
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATCTTGGTTCTTGGTTAAATCGTCTAGGCAGGGTTTATCCAGACCCATCGGAAAGACCAAGCAGC
 CAATCTGGGGTTCTTTCCAGAAGTCTGACGTTGAGTTCACAGAGAGTTCAGAATTCAGTAGCTTTGT
 TGCTCGGACCAACACATGTGGAGAACTTCGTTCTCCACTTAGGCCAAGAAGTCACTCTGTGTGGATGG
 ATTCAGTACCGAAGGCAAAACACCTTCTTAGTCTAAGAGATTGCCACGGTCTCGTTCAAATCCTCATT
 CCCAGGATGAGTCGGCTGCATCTGTGAGGAGGACTTTGTGTGAAGCCCTGTGGAGTCTGTGGTGAAGT
 ATCTGGGACGGTCATCGCCCACCCCTGGGACAGGAGAATCCGAAAATGCCAACAGGTGAGATTGAAATC
 AAAGCTAAACAGCTGAGCTCCTGAATGCCTGCAAAAAGTGCCTTTGAAATTAAGACTTTGTGAAGA
 AGACGGAAGCCCTTCGTCTGCAGTATCGGTACTTAGACCTGCGCAGCTCCCAAATGCAGCACAACCTGCG
 GCTCAGGTCACAGATGGTCATGAAAATGCGGGAATATCTCTGACTCTGCACGGATTTGTGGATATAGAA
 ACCCCAACATTGTTAAAGAGGACTCCTGGAGGTGCCAAGGAGTTTTAGTACCGTCCAGGGAACCTGGAA
 GGTTTTATTCTCTCCCTCAGAGTCTCAACAGTTTAAAGCAGCTTCTGATGGTTGGTGGTTTAGACAGGTA
 CTTTCAGGTTGCCCGGTGTATCGAGATGAAGGCTCAAGACCGGATAGGCAGCCAGAGTTTACTCAGATT
 GACATAGAGATGCTCTTTGTAGACCAGACTGGCATTGAGCATTAGTTGAGGGTTTGTGCTGATTATTCCT
 GGCCTGAAGATAAAGACCCTCTAGTGGCTCCTTTCTCCATGACTTTTGTGAGGCATTGGCTACCTA
 CGGAAGTATAAGCCAGATACTCGCTTTGGGATGAAGATTGTGGATATCAGTGATGTGTTTCAAGAACACA
 GAGTACAGGTTTCTTTCAGGATGCACTGGCTAAGCCCAAGGAAGTCAAAGCAATATGTGTTTCAAGAA
 GAGCAAAGTACTTAAGGAAAGAAGACATTGAGTTCATTTCGAAAGTTTGCAGCTCACCATTTCAGTCAGGA
 AGTCTTCTATATTCTGAATGCCAGGAAGAAGTGGAGTTCACCATTTGCTAAATTCATAACGGAGGAG
 GAAAGATTGGAGTTAACCAGATTGATGGAGATACAAGAAGACGACATGGTCTGCTGACTGCTGGGCAAC
 ATGAGAAAGCATGCTCTTTGTTGGGGAAGTTACGACTAGAGTGTGCAGACCTTTTGGAAACGAGAGGACT
 GGCGCTCAGGGACCCAGCATTGTTCTCTTTCTGGGTAAGTACTTCCACTCTTCTCGCCAAGGAA
 GAGAGTCCACAGAGCTGGAGTCAAGCCACCACCCATTTACTGCTCCTCACCCCGGCGACATTACCTCC
 TCTACACTGAGCCGAAAAGGTTCTGGCCAACACTACGACTTGGTTTTAAATGGCAATGAGATAGGAGG
 AGGCTCTATCCGATTTCATGATGCACAGCTACAGAGGTACATCCTGAAACATTGCTAAAGGAAGATGTG
 AAATTGCTTTCCATCTGCTTCAGGCTTACTAGACTATGGGGCACCCACATGGAGGAATTGCCTTAGGGT
 TAGACAGACTGGTGTGCTTGTACAGGGAGCACCCAGCATCAGAGATGTCATAGCCTTCCCTAAATCCTA
 CCGAGGACATGACCTTATGAGCAATGCTCCAGACACTGTGCTCCTGAAGATCTGAAGCCTTACCATATC
 CAGTCTCATGGCCAACAGACTCAGAAGAGAGCATCCGCCACACCTTCCAAATACTTGAGCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001034143
- Insert Size:** 1959 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001034143.1](#), [NP_001029315.1](#)

RefSeq Size: 2321 bp

RefSeq ORF: 1959 bp

Locus ID: 304919

UniProt ID: [Q3KRD0](#)

Cytogenetics: 13q22